

TOP SECRET

FROM: Mission Coordinator

15 OCT 1967

SUBJECT: Mission Alert Notification

TO: (See Below)

Request your attendance at the Commander's Briefing to be held
in the Operations Briefing Room on 15 OCT 1967 at

X 1230 - L. The briefing concerns the following:

1. Mission Code and Number: BX 6729
2. Date/Time of Launch (H-Hour): 16 OCT / 0115Z / 1015 L.
3. Ground Sp. (H+1:00): 16 OCT / 0215Z / 1115 L.
4. Bases: [REDACTED]
5. Equipment: [REDACTED]

6. Ground Spare Requirements: SAME AS PRIMARY

7. Instructions/Comments: A-50 ADDITIVE WILL
N BE USED.

FOR COMMANDER

Mission Coordinator

Office	Time(L)	Recipient	Office	Time(L)	Recipient
CMDR			DCOL		
DCO			DCOC/MC		
DCM			DCOMI		
DCS			DCOW		
SECUR			COMMO		
FLT SURG			AFCS		(Notify Only)
DCOM			TTEC(SAC)		(Notify Only)

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16 Oct 67

Approved For Release 2002/06/13 : CIA-RDP69B00041R001000010001-6

	Pilot	A/C	Hanger	Time
Prim	FM	129	3	1015
Sec.	KC	127	2	1115

Initial 1715
Final 0645

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DCOL CHECK LIST

* DENOTES MANDATORY CALL TO COM AND POST UPON COMPLETION

H-24:00 TO H-23:30: SECURE SUITS, CHUTES, KITS AND VENT UNITS: 1015-1045 *ok*
DESIGNATE LIFE SUPPORT TECHNICIANS: *A/C 132 R.F.M.*
A/C 132 R.C. 25X1A

H-23:30: ATTEND COMMANDERS BRIEFING:
SUBMIT HANGAR ACCESS ROSTER, 5 CYS 1-MC 3-SECURITY 1-DCOL 1045 *ok*
SUBMIT RECOVERY ROSTER, 3 CYS 1-MC 1-ADMIN 1-DCOL
H-22:00 TO H-17:00: PREFLIGHT: 1215-1515 *ok*

BOTH SUITS (EA PILOT)
PARACHUTE AND EMERGENCY O2 SYSTEMS
SEAT KIT COMPONENTS
SUIT ROOM VENT
LOX VENT UNIT
OXYGEN CYLINDERS
TEST EQUIPMENT
TRANSPORT VANS
24 hr check

H-21:00: NOTIFY SECURITY, SEAT KIT AVAILABLE FOR PACKING: 0715-0835 *ok*
H-3:00 TO H-1:40: PREPARE PREBREATHING ROOM FOR RECEIPT OF PILOT: 0815 *ok*
H-2:00 PERSONALLY CHECK WITH MISSION COORDINATOR AT C.P. TO VERIFY NAMES OF
PRIMARY AND SPARE PILOTS AND AIRCRAFT:

P. *F.M.*
S. *R.C.*

INSTALL SEAT KIT AND PARACHUTE:
H-2:00: RECEIVE PACKET FROM INTELLIGENCE: 0815
H-1:45 TO H-1:30: SECURITY INSPECTS SUITS: 0820-0845
H-1:20 TO H-1:10: FLIGHT SURGEONS MEDICAL IN DCOL: 0855-0905
H-1:10 TO H-1:00: DRESS PILOT, PRESSURE CHECK EQUIPMENT: 0905-0915
H-0:50 TO H-0:45: TRANSPORT TO AIRCRAFT: 0925-0930
*H-0:45 TO H-0:35: PILOT HOOKUP AND SUIT A/C CHECK: 0930-0940
H-0:35 TO TAKEOFF: STANDBY IN DCOL AND PACK LOW RECOVERY EQUIPMENT: 0940
LANDING: REMOVE PILOT, TRANSPORT PILOT BACK TO DCOL, DESUIT PILOT:
DEBRIEF PILOT, EVALUATE AND CHECK RELIABILITY OF EQUIPMENT:
POST-FLIGHT EQUIPMENT:
24 hr check
For delivery to the
7/20

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MISSION PILOTS ACTIVITY SCHEDULE FOR OPERATIONAL MISSION

H-HOUR TIME PRIMARY	LOCAL TIME PRIMARY	H-HOUR TIME SPARE	LOCAL TIME SPARE	ITEM	LOCATION
H -22:30	<u>1145</u>			Pre-Mission Physical Exam	Flt Surg
H -21:30	<u>1245</u>			Eating	A/C Mess
H -20:30	<u>1345</u>			Recreation activities as scheduled	Selected Area
H -18:00	<u>1615</u>			Intelligence Review	DCOMI
H -17:00	<u>1715</u>			Initial Brief & Recreation	DCO Brief Rm
H -14:00	<u>2015</u>			Eating	A/C Mess
H -13:00	<u>2115</u>			Crew Rest	Asgd House
H -4:00	<u>0615</u>			Wake/up Psychological Ck	Asgd House/ Crew Mess
H -3:30	<u>061</u>			Final Briefing	DCO Brief Rm
H -2:30	<u>07</u>			Breakfast	A/C Mess
H -1:20	<u>08</u>	H 1:20	<u>0855</u>	Final Physical Evaluation	DCOL
H -1:10	<u>09</u>	H -1:10	<u>1005</u>	Suiting	DCOL
H -:50	<u>09</u>	H +:10	<u>1025</u>	Leave Ops	Transport Van
H -:45	<u>09</u>	H +:15	<u>1030</u>	Arrive Aircraft	Hangar
H -:30	<u>094</u>	H +:30	<u>1045</u>	Start Engine	Hangar
H -:20	<u>0955</u>	H +:40	<u>1055</u>	Taxi	Aircraft
H -:05	<u>1010</u>	H +:50	<u>1110</u>	Trim Engine	Aircraft
H -:00	<u>1015</u>	H +1:00	<u>1115</u>	Take Off	Aircraft
L +:25	_____			Post Mission Physical	DCOL
L +:45	_____			Ops Debrief	DCO Brief Rm
L +1:00	_____			Mission Debrief	DCO Brief Rm
L +3:30	_____			Released	

25X1A

Next 1 Page(s) In Document Exempt

FULL PRESSURE SUIT TEST LOG

SUBJECT # 1055
 SUIT # - 2
 OUTER GARMENT W/FLOAT GEAR - 2
 HELMET # - 2
 GLOVES # - 1
 BOOTS - 2 QD

FLIGHT DATE 15 Oct 67 *24 Hr Delay*
 DON 0905 *6:00 - 10:00*
 DOFF 1520 *5:00*
 TIME IN SUIT 1 hr 15 min
 TECHNICIAN 25X1A

PRESS-TO-TESTPRE-FLIGHTSUBJECT TESTPOSTFLIGHTSYSTEM #1

Max Pressure

Differential

Leak Rate

SYSTEM #2

Max Pressure

Differential

Leak Rate

Unpress Leak Rate

Face Heat

Comm and Cord

Pencils

Knife

Controller Number

Packet

Grease Zippers

Check Location of CO₂

Pressure Tap Screws

105 105
1.3 1.2
500 1000

120 120
1.3 1.3
500 800
300 400

104
1.1
1200

113
1.1
1050
350

PRESSURE SUIT HOOK-UP CHECKLIST

- ☒ 1. Packet in pocket.
- ☒ 2. Stirrups secured.
- ☒ 3. Foot rest guards over seat foot rests.
- ☒ 4. Communications secured and functioning.
- ☒ 5. Face heat ON (LOW).
- ☒ 6. Oxygen hoses secured in QD.
- ☒ 7. Three harness snaps secured - harness adjusted and surplus stowed.
- ☒ 8. Kit adjusted and surplus stowed.
- ☒ 9. Two (2) bailout hoses secured.
- ☒ 10. Lap belt, shoulder harness, key, secured and adjusted.
- ☒ 11. Oxygen hoses under right leg strap, chest strap under helmet hold-down.
- ☒ 12. Emergency oxygen lanyard secured and pin removed.
- ☒ 13. Green apple secured.
- ☒ 14. Red knob secured.
- ☒ 15. Manual over-ride handle secured.
- ☒ 16. Two (2) Rocket-Jet releases secured.
- ☒ 17. Press-to-test both O₂ Systems, (LOW pressure-#1 Sys 70/75 #2 Sys 60/70 60/75).
- ☒ 18. Check face heat.
- ☒ 19. Re-adjust lap belt.
- ☒ 20. Kit lanyard secured to D-ring.
- ☒ 21. Parachute beacon; AUTOMATIC(), UNSNAPPED(), SNAPPED(☒).
22. Departing LOX quantity, #1 System 9.25 #2 System 9.75 TIME 1053 0938L
23. Returning LOX quantity, #1 System 6.5 #2 System 7.5 TIME 1540.

25X1A

SUBJECT 1055 AIRCRAFT NUMBER 129
 TECHNICIAN DATE OF FLIGHT 18 Oct 67

EQUIPMENT PREFLIGHT FOR HIGH FLIGHT

PARACHUTE

- ✓ 1. Ripcord pins seated (main and first stage).
- ✓ 2. Pack opening elastics secured.
- ✓ 3. First stage jettison mated and pins secured.
- ✓ 4. Two (2) rocket jet units secured.
- ✓ 5. Manual over ride handle secured.
- ✓ 6. Green apple secured.
- ✓ 7. Red knob secured.
- ✓ 8. Bailout hoses adjusted for pressure suit.
- ✓ 9. Bailout hose connectors operating.
- ✓ 10. Harness adjusted for HIGH flight.
- ✓ 11. Automatic openers - triggered and reset.
- ✓ 12. Aneroids 1400' to 7500'.
- ✓ 13. Bailout cylinder pins secured.
- ✓ 14. Bailout cylinder pressure #1 1800 #2 1800.
- ✓ 15. Communication cord secured to chute.
- ✓ 16. Visual inspection completed.

L.P. #3

S.H. #5

SURVIVAL KIT

- ✓ 1. Yellow handle secured.
- ✓ 2. Trigger clearance.
- ✓ 3. Kit disconnects secured.
- ✓ 4. Lid secured.
- ✓ 5. Visual condition.

INSTALLATION

- ✓ 1. Vent secured at disconnect.
- ✓ 2. Kit secured to chute - loose.
- ✓ 3. Emergency oxygen lanyard secured to chute and pin installed.
- ✓ 4. Communication cord secured at disconnect.
- ✓ 5. Vent hose secured to chute.
- ✓ 6. Pin secured in QD and safetied. 75/80
- ✓ 7. Oxygen system low pressure #1 85/90 #2 80/85 75/80.
- ✓ 8. Pip pin in "D" ring.
- ✓ 9. Stirrup cables extended and operating freely.
- ✓ 10. Foot rest guards over seat foot rest.

SUBJECT 1055 AIRCRAFT NUMBER 129
25X1A TECHNICIAN DATE OF FLIGHT 15 OCT 67 16 OCT 67 17 OCT 67
SEAT KIT NUMBER 55 PARACHUTE NUMBER 102
TYPE CUSHION S/B VENT HOSE NUMBER 71

FULL PRESSURE SUIT TEST LOG

SUBJECT # 1046
 SUIT # -3
 OUTER GARMENT W/FLOAT GEAR -3W
 HELMET # 1
 GLOVES # 4
 BOOTS -2

FLIGHT DATE 18 Oct 67DON 1015DOFF 1245

TIME IN SUIT

TECHNICIAN

25X1A

PRESS-TO-TESTPRE-FLIGHTSUBJECT TESTPOSTFLIGHTSYSTEM #1Max Pressure 110Differential 1.1Leak Rate 1200SYSTEM #2Max Pressure 110Differential 1.1Leak Rate 1200Unpress Leak Rate 500Face Heat 200mmCommo and Cord okPencils ✓Knife ✓Controller Number 33Packet ✓Grease Zippers ✓Check Location of CO₂ ✓Pressure Tap Screws ✓1101.53001181.5350200200mmok✓✓33✓✓✓✓1151.110001101.11100400200mmok✓✓33✓✓✓✓

PRESSURE SUIT HOOK-UP CHECKLIST

1. ☒ Packet in pocket.
2. ☒ Stirrups secured.
3. ☒ Foot rest guards over seat foot rests.
4. ☒ Communications secured and functioning.
5. ☒ Face heat ON (LOW).
6. ☒ Oxygen hoses secured in QD.
7. ☒ Three harness snaps secured - harness adjusted and surplus stowed.
8. ☒ Kit adjusted and surplus stowed.
9. ☒ Two (2) bailout hoses secured.
10. ☒ Lap belt, shoulder harness, key, secured and adjusted.
11. ☒ Oxygen hoses under right leg strap, chest strap under helmet hold-down.
12. ☒ Emergency oxygen lanyard secured and pin removed.
13. ☒ Green apple secured.
14. ☒ Red knob secured.
15. ☒ Manual over-ride handle secured.
16. ☒ Two (2) Rocket-Jet releases secured.
17. ☒ Press-to-test both O₂ Systems, (LOW pressure-#1 Sys 60/65 #2 Sys 60/70).
18. ☒ Check face heat.
19. ☒ Re-adjust lap belt.
20. ☒ Kit lanyard secured to D-ring.
21. ☒ Parachute beacon; AUTOMATIC(), UNSNAPPED(), SNAPPED(✓).
22. ☒ Departing LOX quantity, #1 System 9.5 #2 System 9.25 TIME 1045.
23. ☒ Returning LOX quantity, #1 System No F #2 System Returned to H TIME to H

SUBJECT 1046 AIRCRAFT NUMBER 127
TECHNICIAN DATE OF FLIGHT 18 Oct 67

EQUIPMENT PREFLIGHT FOR HIGH FLIGHT

PARACHUTE

- ✓ 1. Ripcord pins seated (main and first stage).
- ✓ 2. Pack opening elastics secured.
- ✓ 3. First stage jettison mated and pins secured.
- ✓ 4. Two (2) rocket jet units secured.
- ✓ 5. Manual over ride handle secured.
- ✓ 6. Green apple secured.
- ✓ 7. Red knob secured.
- ✓ 8. Bailout hoses adjusted for pressure suit.
- ✓ 9. Bailout hose connectors operating.
- ✓ 10. Harness adjusted for HIGH flight.
- ✓ 11. Automatic openers - triggered and reset.
- ✓ 12. Aneroids 1400' to 7500'.
- ✓ 13. Bailout cylinder pins secured.
- ✓ 14. Bailout cylinder pressure #1 1800 #2 1800.
- ✓ 15. Communication cord secured to chute.
- ✓ 16. Visual inspection completed.

SURVIVAL KIT

- ✓ 1. Yellow handle secured.
- ✓ 2. Trigger clearance.
- ✓ 3. Kit disconnects secured.
- ✓ 4. Lid secured.
- ✓ 5. Visual condition.

L.P. #4
S.H. #5

INSTALLATION

1. ✓ Vent secured at disconnect.
2. ✓ Kit secured to chute - loose.
3. ✓ Emergency oxygen lanyard secured to chute and pin installed.
4. ✓ Communication cord secured at disconnect.
5. ✓ Vent hose secured to chute.
6. ✓ Pin secured in QD and safetied.
7. Oxygen system low pressure #1 55/60 #2 60/65.
8. ✓ Pip pin in "O" ring.
9. ✓ Stirrup cables extended and operating freely.
10. ✓ Foot rest guards over seat foot rest.

25X1A SUBJECT 1046 AIRCRAFT NUMBER 127
TECHNICIA DATE OF FLIGHT 15 Oct 67 ^{24 hr delay} (17 Oct 67)
SEAT KIT NUMBER 46 PARACHUTE NUMBER 106
TYPE CUSHION S/B VENT HOSE NUMBER 60

PHYSIOLOGICAL SUPPORT DE BRIEFING

25X1A

DATE 18 Oct 67 ACFT 129 PILOT TIME IN FLIGHT 4+10 TIME IN SUIT 5+40 PREBREATHING TIME 1+00

SATISFACTORY

UNSATISFACTORY

1. PHYSICAL CONDITION (PILOT)

2. SURVIVAL KIT AND CUSHION ^{#55} 5183. PARACHUTE 1024. HELMET - 2

A. REFLECTIONS

B. FACE HEAT

C. COMMUNICATIONS

5. SUIT PROPER - 2A. CABIN DECOMPRESSION: YES NO6. OUTER GARMENT - 27. BOOTS AND SPURS ⁻² Q.D. Type8. GLOVES - 1

9. OXYGEN SYSTEM

DEPART

RETURN

TIME

AMT

TIME

AMT

#1 1055 7.25 1540 6.5#2 1055 9.75 1540 9.5

25X1A

10. MISCELLANEOUS

11. EVALUATION ITEM

A.

B.

C.

D.

E.

12. REMARKS: (EXPLAIN UNSATISFACTORY REPORT)

PHYSIOLOGICAL SUPPORT DE BRIEFING

25X1A

DATE 18 Oct 67 ACFT 129 PILOT
 TIME IN FLIGHT 4 + 10 TIME IN SUIT 5 + 40 PREBREATHING TIME 1 + 00

SATISFACTORY

UNSATISFACTORY

1. PHYSICAL CONDITION (PILOT)

#55

2. SURVIVAL KIT AND CUSHION SIB3. PARACHUTE 1024. HELMET - 2

A. REFLECTIONS

B. FACE HEAT

C. COMMUNICATIONS

5. SUIT PROPER - 2A. CABIN DECOMPRESSION: YES NO6. OUTER GARMENT - 27. BOOTS AND SPURS Q.D. Type8. GLOVES - 2-1

9. OXYGEN SYSTEM

DEPART

RETURN

TIME AMT TIME AMT

#1 1055 9.25 1540 6.5#2 1055 9.75 1540 9.5

10. MISCELLANEOUS

25X1A

11. EVALUATION

A.

B.

C.

D.

E.

12. REMARKS: (EXPLAIN UNSATISFACTORY REPORT)